

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 57-158966

(43)Date of publication of application : 30.09.1982

(51)Int.Cl.

H01M 12/06

(21)Application number : 56-044500

(71)Applicant : MATSUSHITA ELECTRIC IND CO
LTD

(22)Date of filing : 25.03.1981

(72)Inventor : MORITA KORENOBU
KOSHIBA NOBUHARU
KOBAYASHI SHIGEO
OOTA AKIRA

(54) BUTTON-TYPE AIR-ZINC BATTERY

(57)Abstract:

PURPOSE: To extremely minimize the performance-deterioration of the captioned battery after preservation, together with complete prevention of evaporation of an electrolytic solution.

CONSTITUTION: A rolled aluminum thin film 11 in thickness of 9~15 μ is hermetically stuck to a polyester film in thickness of 50~70 μ to constitute a sealing member 3 which is excellent in a hermetically sealing property. A resin which can be formed by a well known resin film formation process will suffice for a resin film 12 to be hermetically stuck to one side surface of the aluminum thin film 11, and for this purpose, preferably resins are polyester, polyethylene, and polypropylene; and also other side surface of the aluminum thin film 11 is coated with rubber-system sticky adhesives 13 in thickness of 20~40 μ . Since both side surfaces of the aluminum thin film are completely coated with the resin film, the beautiful metallic luster can be semi-permanently maintained without being oxidized and decolored during preservation of the battery.

